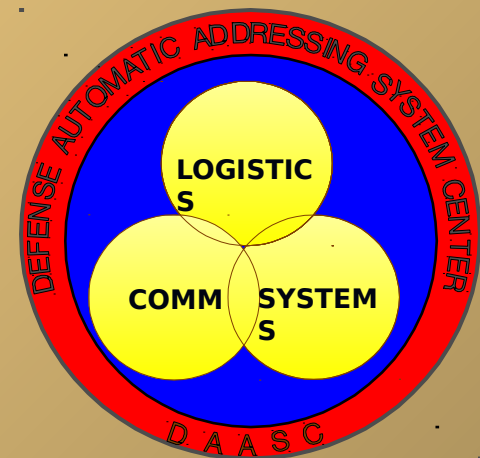




# **D**EFENSE **A**UTOMATIC **A**DDRESSING **S**YSTEM **C**ENTER

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# AGENDA



- DAASC Organization
- DAASC MILS - DLMS Migration Services and Capability
- Procedures for Implementation
- Procedures for Testing
- MILS - DLMS Migration Challenges
- Questions

# ***DAASC MISSION***



The Defense Automatic Addressing Systems Center (DAASC) mission is to perform as an **interoperable gateway** for the DoD Components, Government activities, and Foreign Military Sales Countries to **provide value added services** and to **deliver logistics data** to the **appropriate destination, efficiently, expeditiously and accurately.**

## **DAASC Vision:**

**Support the DoD war fighter's mission by:**

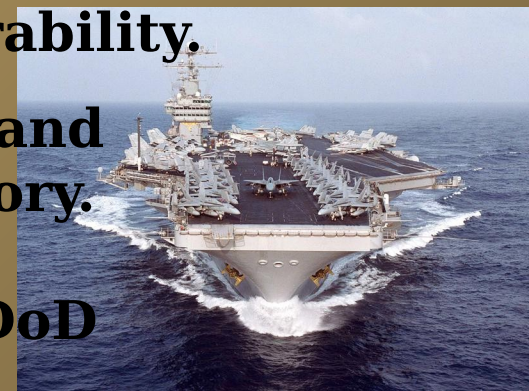
**Providing logistics data to the appropriate destination**

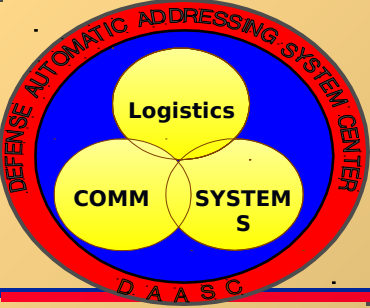
**in the proper format the first time and every time.**

**Providing global network interoperability.**

**Providing value-added services and a central logistics data repository.**

**Being proactive in supporting DoD modernization efforts**





# DAASC



## ➤ Functions Performed

- Receipt, edit, validation and routing of logistic data
- Maintenance of Logistics information databases and archiving of data

## ➤ Services

- Routing by X12 envelope, VAN, TP, PV or activity
- Mapping, translation, and consulting services
- Reporting on logistic response and customer wait time metrics

## ➤ Products

- Official DoD directory repository
- DoD Transaction processing utility

➤ **4.2 Billion Transactions**  
**4 Billion MILS**  
**200 Million X12**



# DAASC Electronic Business (eBus) Gateway

**DAASC provides an EB Hub in support of DoD EB initiatives.**

**The customer base is diverse and world wide.**

## Government Sites:

- USN/USMC, USAF, USA
- Coast Guard
- DLA Supply Centers, BSM, IDE
- DFAS
- DCMA
- DAASC
- DoD Medical Programs
- ITV Programs
- Shipper Systems (DSS, GFM, CMOS, Tracker)
- GTN
- FMS Customers
- GSA
- FAA
- VA
- US Courts
- FEMA
- USPS
- GAO
- AFSAC
- DISA
- TRANSCOM



**Redundant HP NCLASS 4000 systems at Dayton/Tracy**

**Routing & Translation Formats supported:**

**X12 DAAS IDE eB XML**

**Connectivity: FTP, HTTP, VPN, MQ**



## Trading Partners:

- Navy DVD Prime Vendors
- Medical Prime Vendors
- Subsistence Prime Vendors
- Marine Corp CLS Prime Vendors
- AFMC DVD Prime Vendors
- Commercial Vendors
- US Bank
- Citibank
- FMS Vendors
- State of Idaho
- Commercial Carriers
- FedEx Premium Service
- United Space Alliance
- Army Repair Vendors
- Federal Prisons
- Manugistics
- US Courts Vendors
- Civilian Agencies
- DoD Dependent Schools
- Customs
- DoD Agencies
- Value Added Networks (VA)



Year	Transaction Volume (M)	Increase over Prior Year
1999	72.7	n/a
2000	104.5	44%
2001	120.34	15%
2002	159.3	32%
2003	222.9	40%



# DAASC MILS - DLMS Migration Services and

## Capability

### ➤ **Logistic Business Process Knowledge**

- Experience with DLMS migration with DSS and BSM
- Capability to retain DLSS- DLMS translation process to support systems outside of the 8190.1 mandate

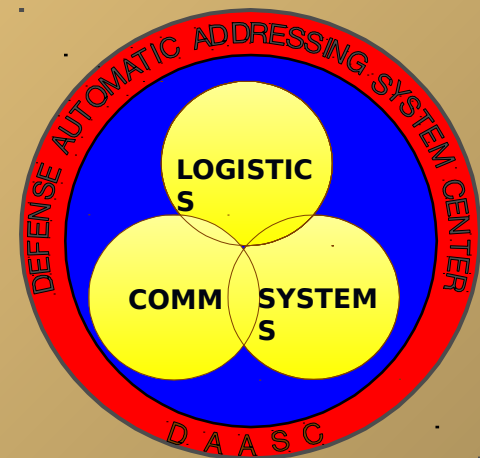
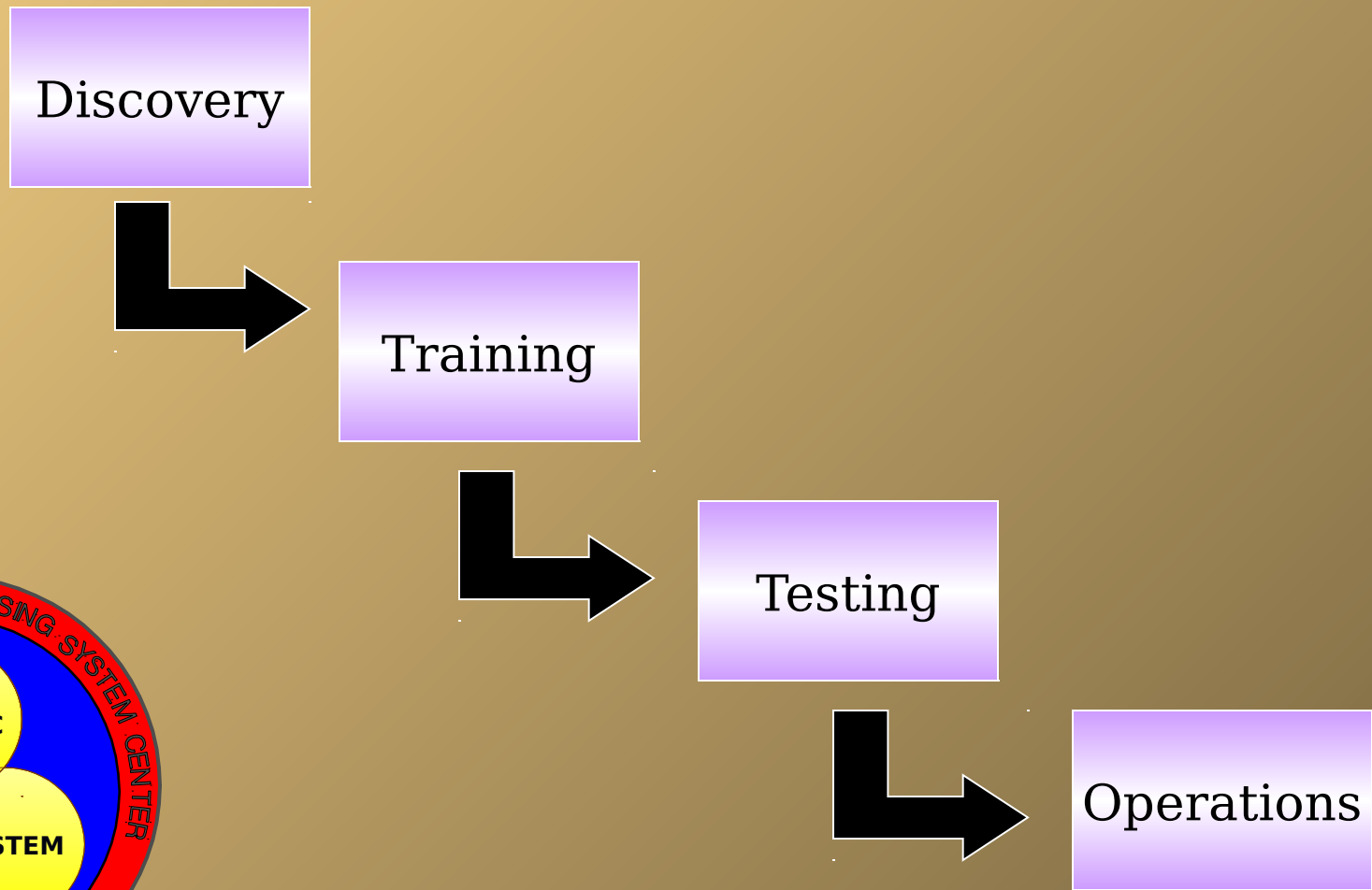
### ➤ **Mapping and Translation**

- Translation from DLMS X12 and XML to any format to support trading partners
- DLMS X12 Maps and XML Schemas implemented into DAASC infrastructure

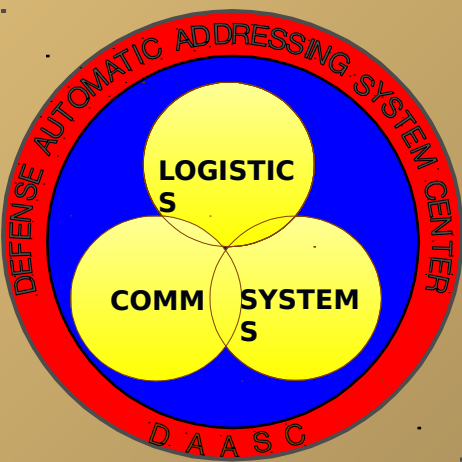
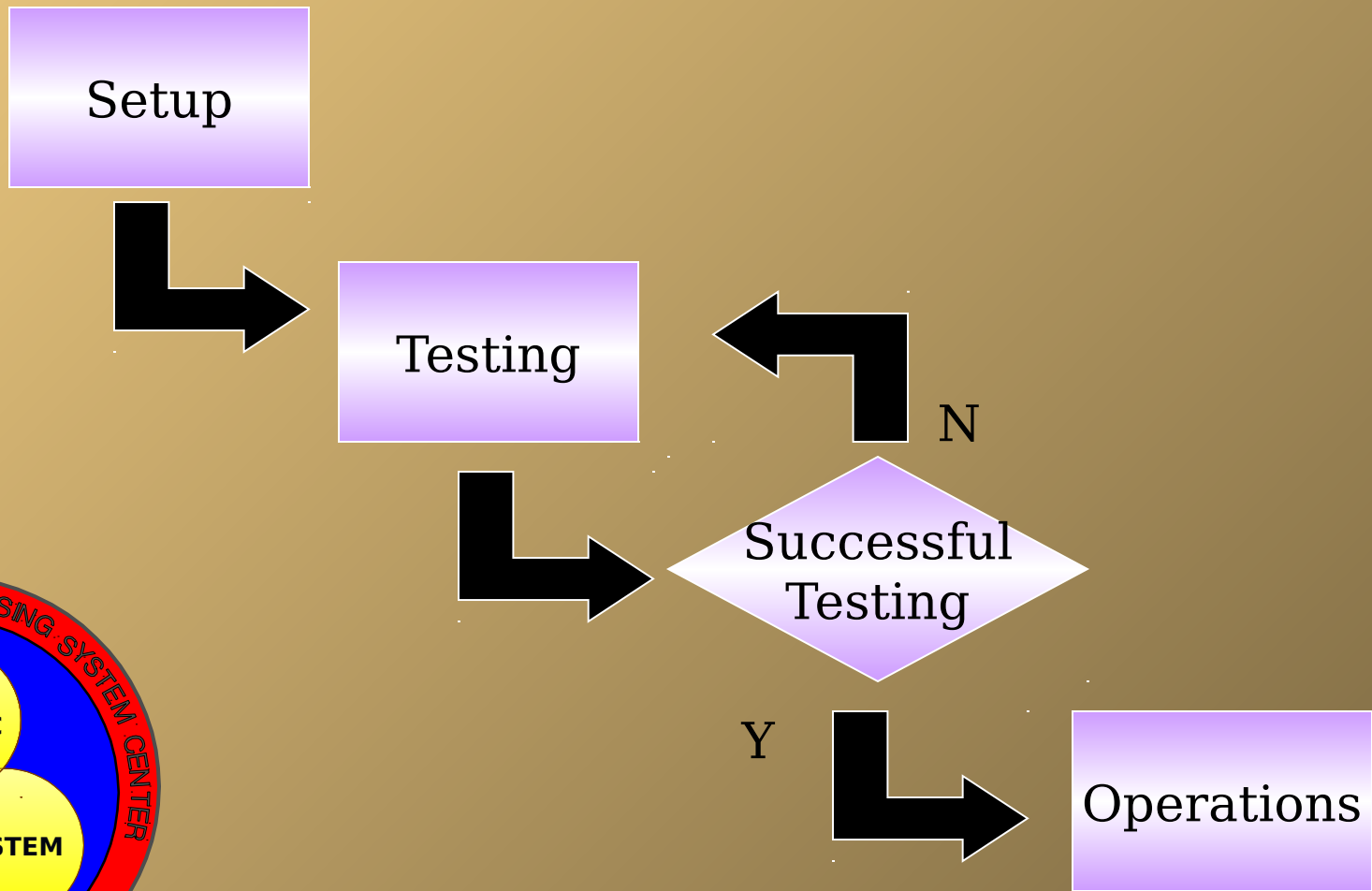
### ➤ **Infrastructure for Testing**

- Established test environment in place for MILS migration
- Test data available for outside map testing

# Implementation of DLMS with DAASC



# Testing of DLMS with DAASC





# MILS – DLMS Migration Challenges



- **Controlled Phased Migration vs Big Bang Trans**
- **Transaction Standardization**
- **Configuration Management**
- **DAASC MILS Migration Preference**
- **UID impact on MILS migration**

# Questions ?



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Bringing the logistics community together through data sharing.

We strive for total customer satisfaction.

DAASC Information:

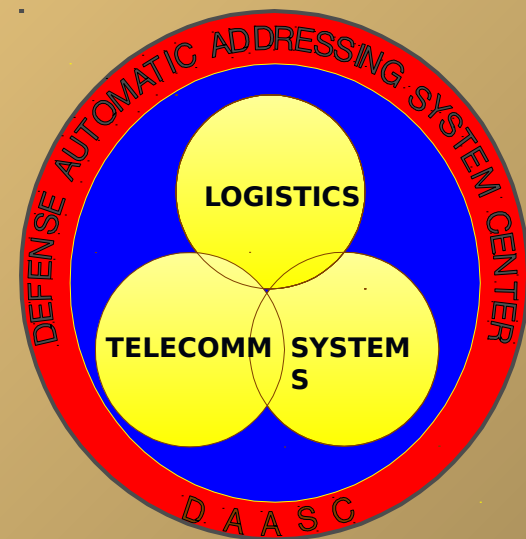
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<https://www.daas.dla.mil>

DSN: 986

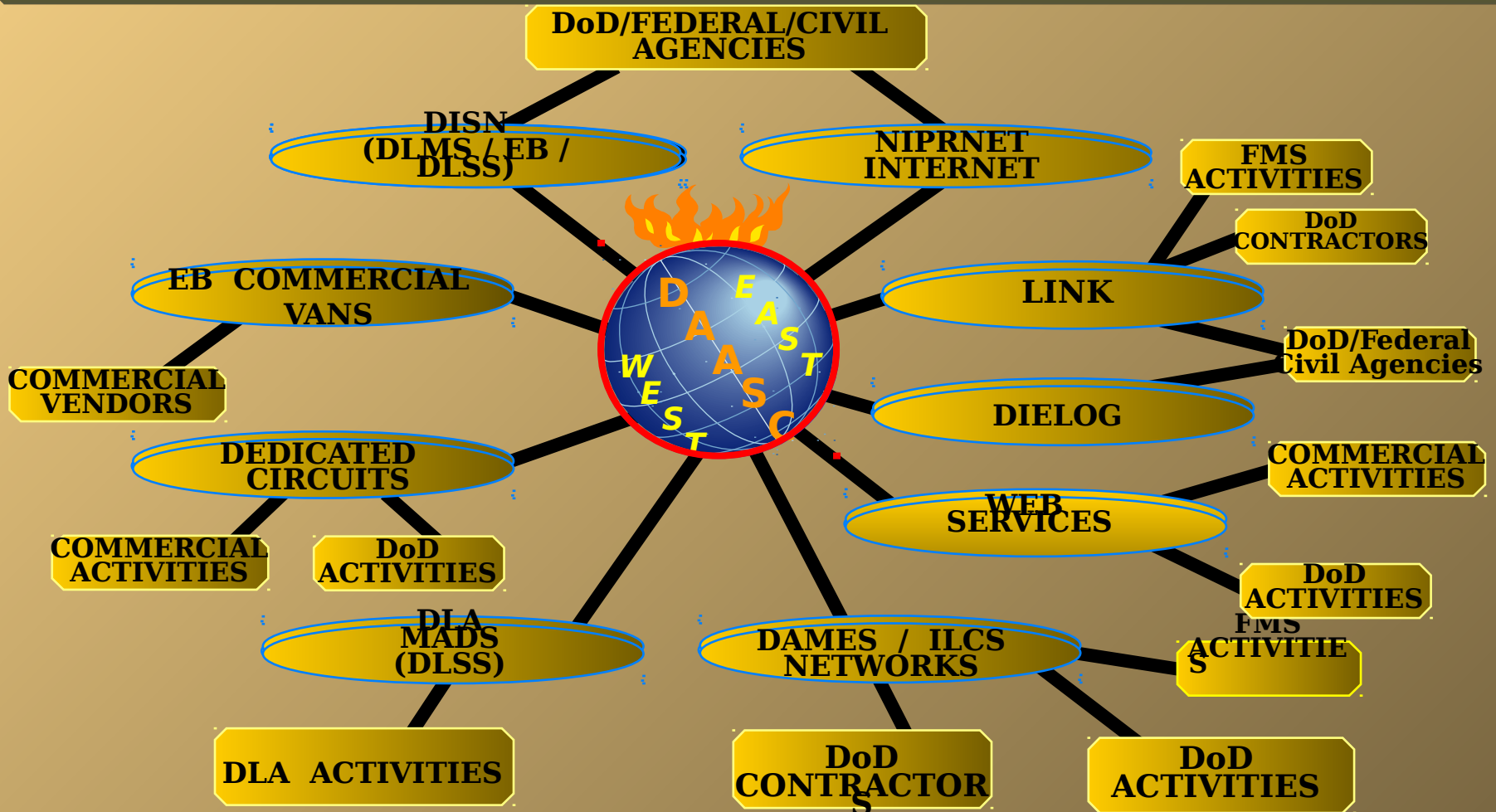
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**Gateway to Logistics 2010/20  
Goals**

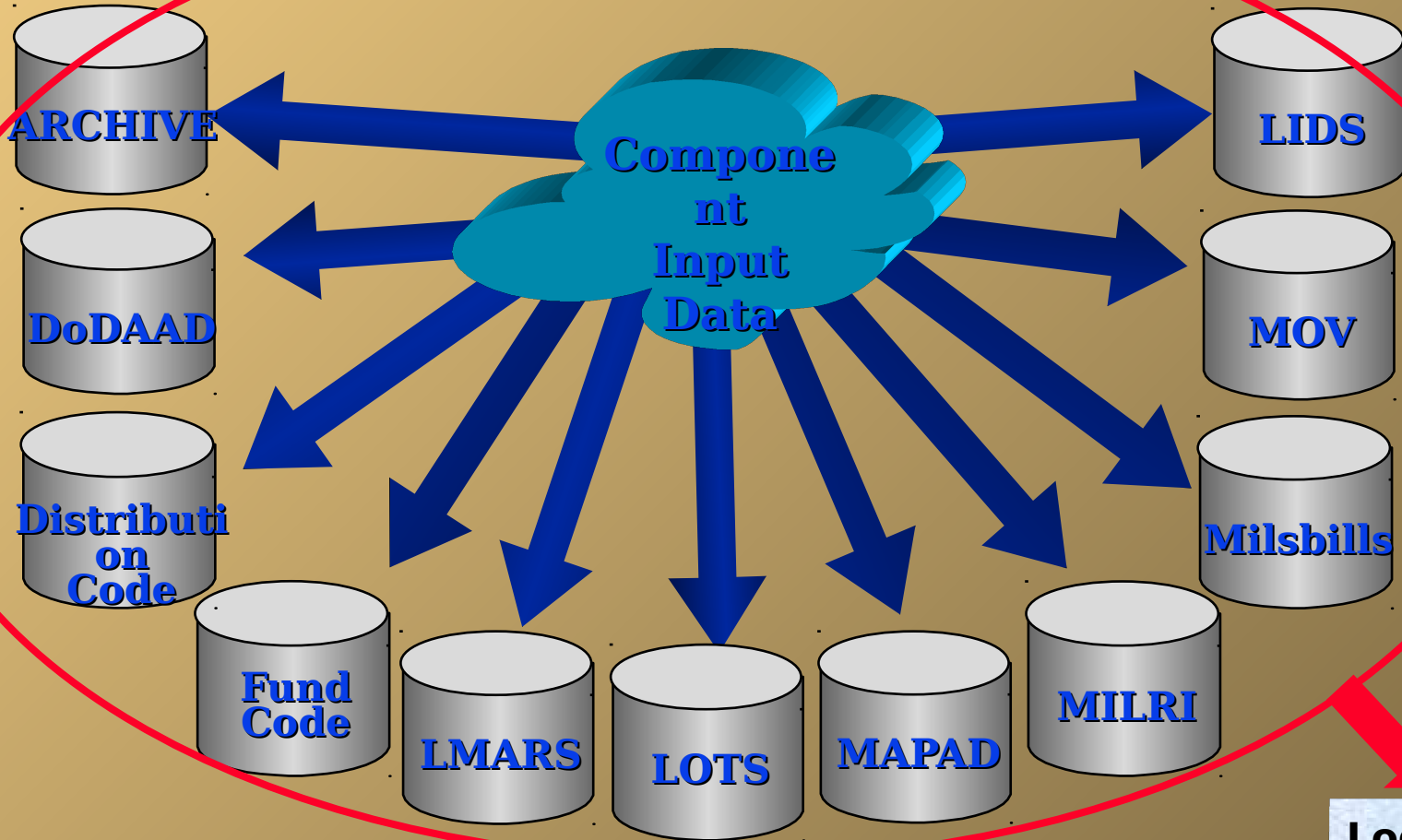
# NETWORK

**A major capability within the DAASC, is the ability to receive and transmit logistics data across various networks, supporting numerous protocols and formats. As a result, this communications interoperability minimizes the number of interfaces that the components must maintain for the exchange of logistics data. All interfaces are protected through our firewall.**



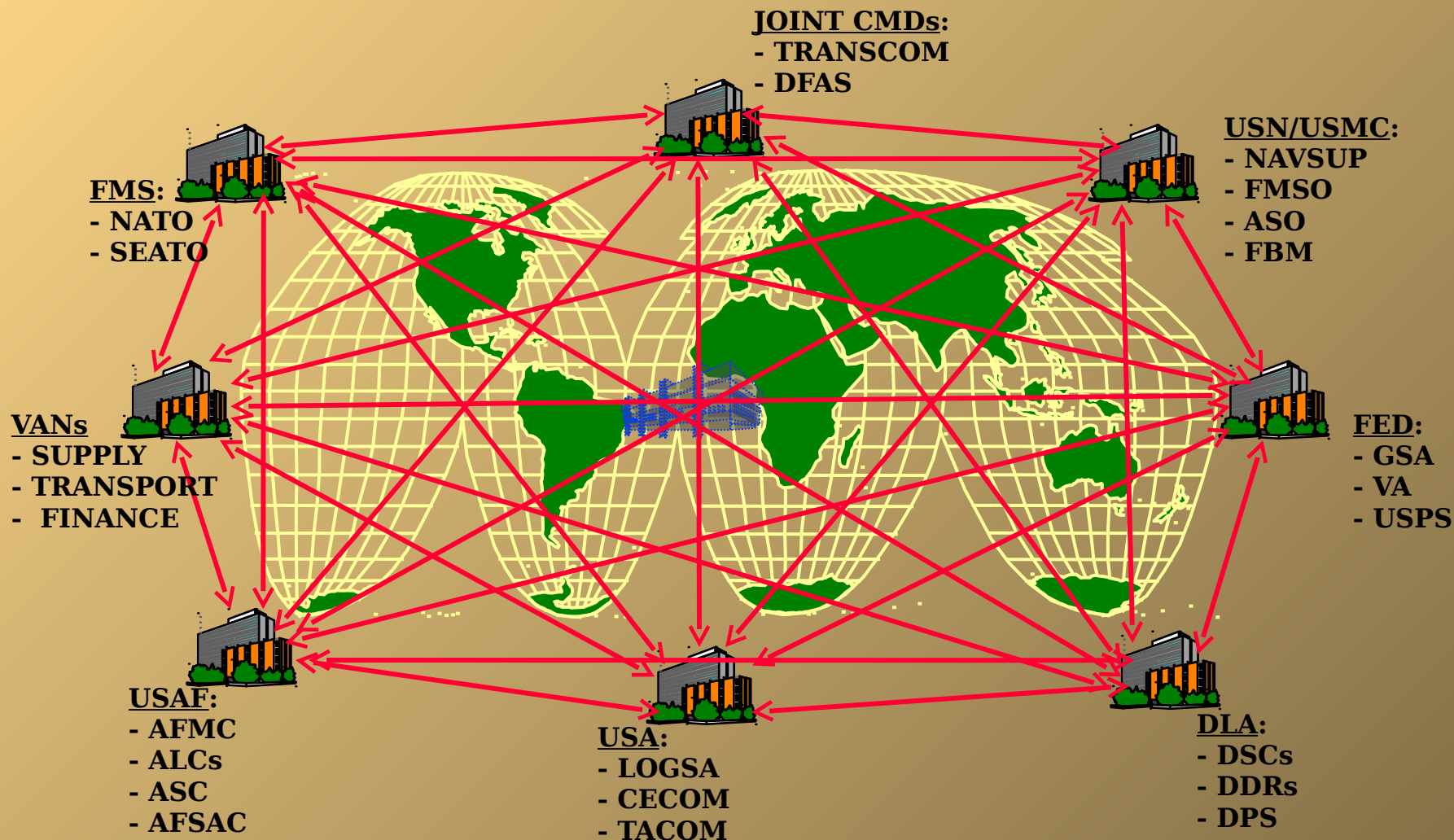
# DoD DIRECTORY

*The DAASC serves as the official repository for numerous DoD standard directories, publications and transactions.*



**Logistics  
Data  
Gateway**

# DoD LOGISTICS WORLD -- WITHOUT DAASC VALUE-ADDED



> Telecomm/admin/manpower costs

> Equipment/software/data replication costs

> Complexity

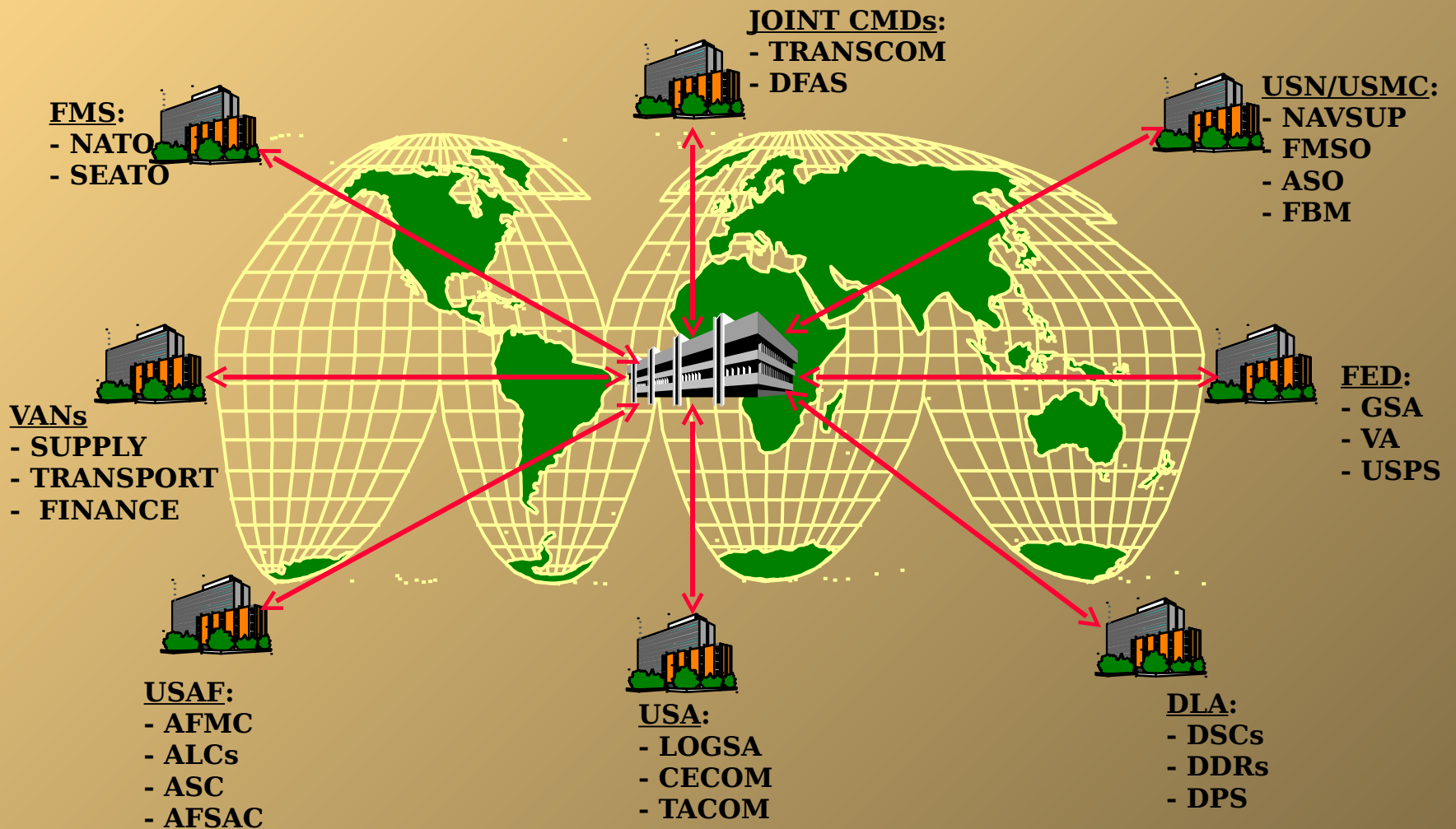
< Interoperability

< Control and accountability

< Optimization of logistics services

28  
Connection

# DoD LOGISTICS WORLD -- WITH DAASC VALUE-ADDED U



< Telecomm/admin/manpower costs

< Equipment/software/data replication costs

< Complexity

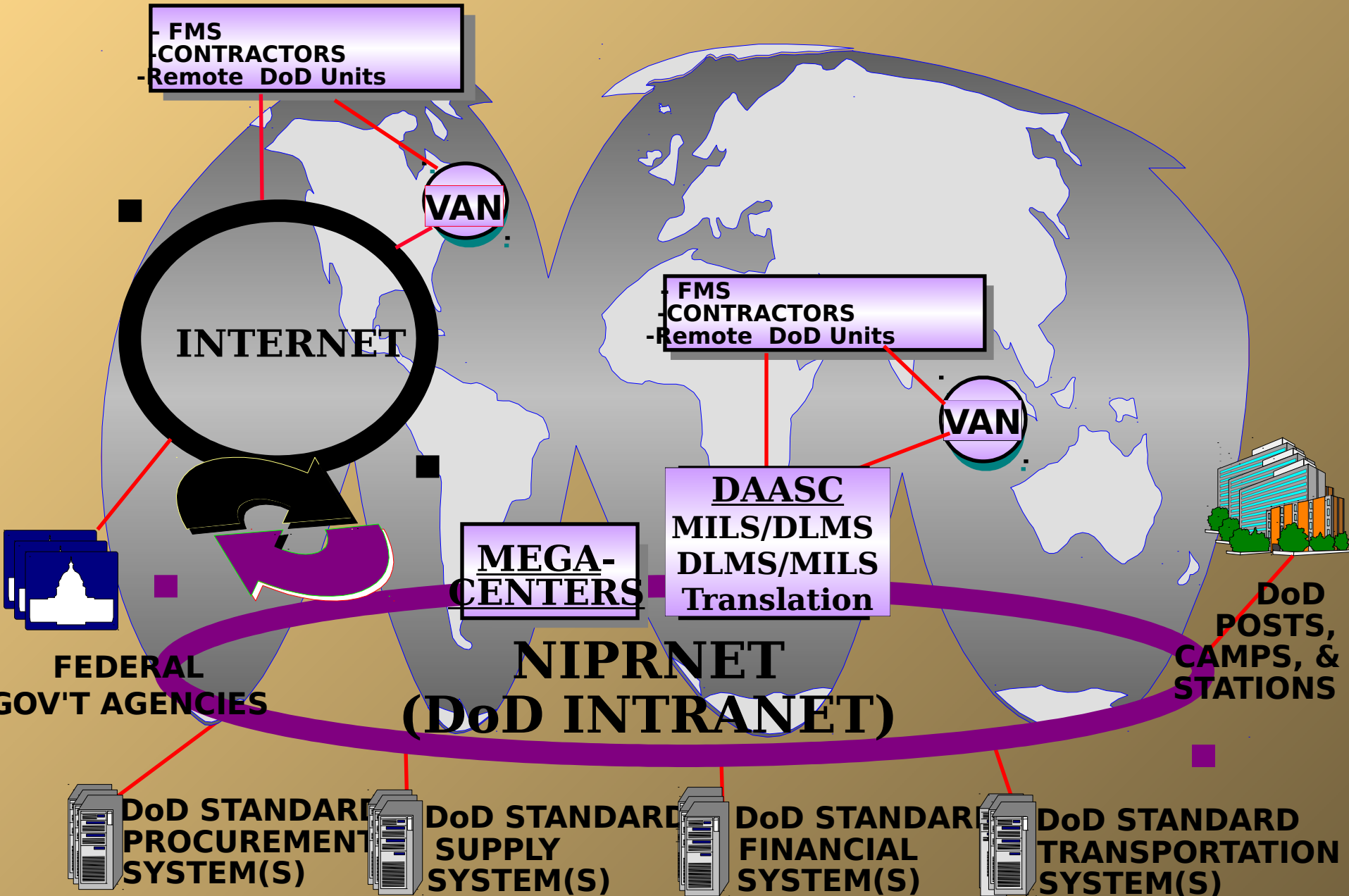
> Interoperability

> Control and account

> Optimization of logis services

**8  
Connection**

# DoD LOGISTICS INFRASTRUCTURE: (MILS/DLMS)

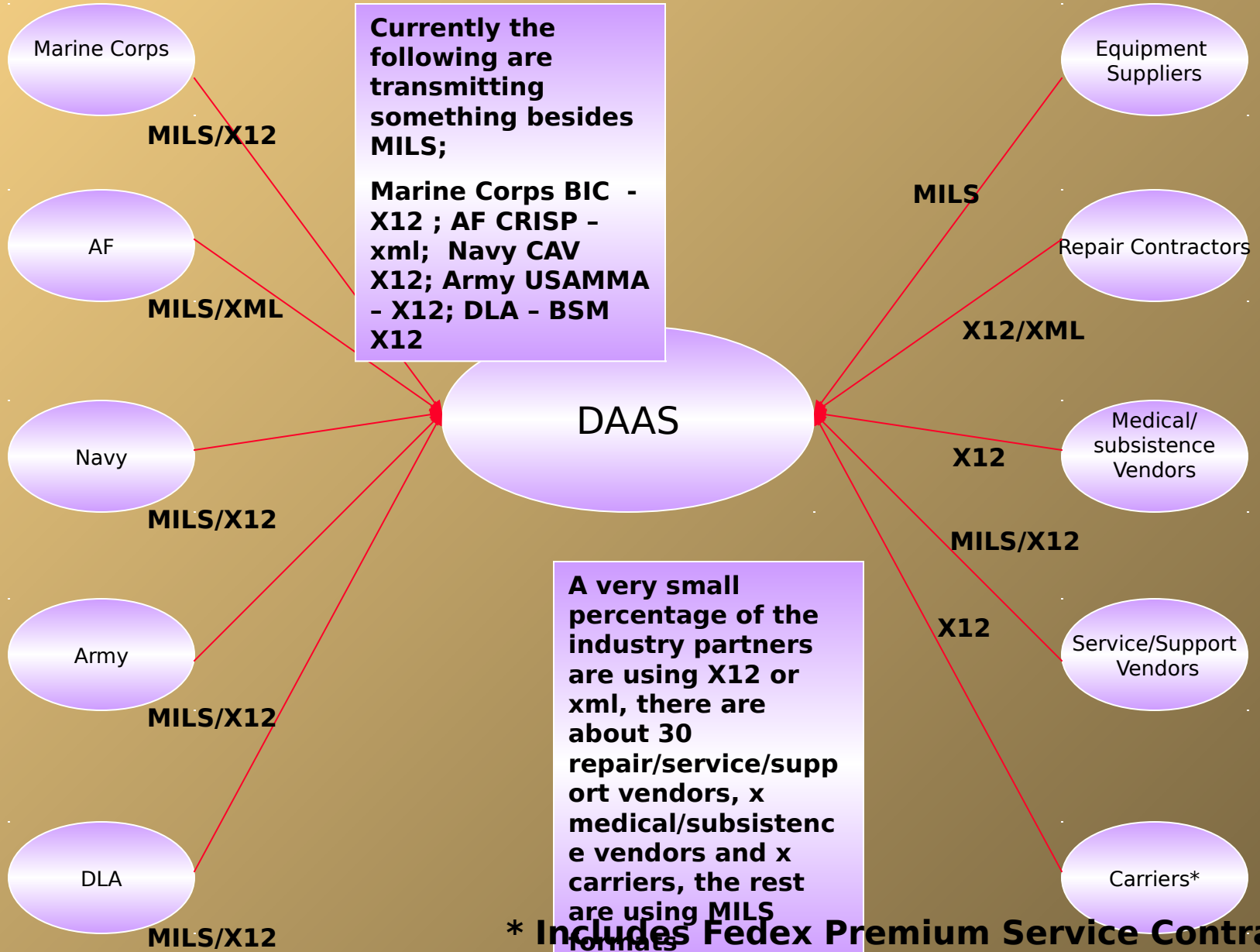


# LS - DLMS Migration Issues Cont.



## DoD and Service Organizations

## Industry Partners





# DAASC MILS – DLMS Migration Support Con't



## **Procedures for Implementation of X12/XML with DAASC**

**Identify Central Design Activity for Customer Domain**

**What Activities are in the Domain.**

**What are the legacy accounts being converted.**

**Is there a phase out plan.**

**Exchange Implementations Conventions/Schemes**

**DLMSO will provide IC/Schemes**

**DAASC will provide Implementation Guidelines (Logical**

**Maps)**

**Build/Exchange Test Data**

**DAASC will provide**

**Custom built or generic**

**Select Transmission Protocol requirements**

**MQ Series, FTP, HTTP, etc**

**Specify Security Requirements**

**Setup Test and Production Accounts (Exchange Addressing**

**Information)**

**Identify Points of Contact**

**Estimate Transaction Volumes**

**Negotiate Implementation Dates**

**Identify Special Requirements**

**Test**

# DAASC MILS – DLMS Migration Support Con't



## **Testing procedures**

**Identify Testing Activities**

**Identify Transactions/ volume requirements**

**Identify Protocols**

**Identify Testing Period (Length)**

**Identify Points of Contact**

**Requirement for external, third party, testing**

**activity?**

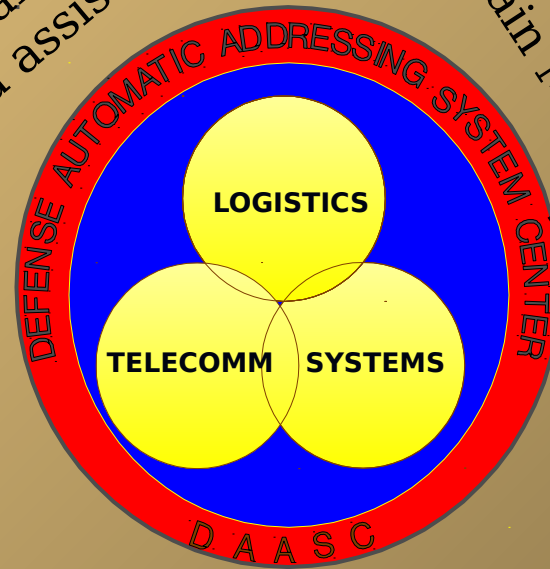
**Identify Special Requirements**

**Schedule Testing**

# SUMMARY



Receive, edit, validate and route logistic data  
Communication interoperability  
Data Reporting, archiving and sharing  
Functional support and assistance



Logistic Business Process Knowledge  
Logistic functional and technical expertise  
Information Assurance  
Experience with DSS and BSM migration  
Retain MILS - DLMS translation process

**Provide cost efficient, low risk logistic solutions**

**Mapping assistance and consulting**

**Established implementation and test**

**Separate production and testing infrastructures**